

**ABSTRACT**

[0024] A USB connector structure embedded within a personal electronic device has a USB port and a rigid arm structure attached to the USB port, wherein the first arm structure has a hinge mechanism fixedly attached thereto that is adapted for attachment to a personal electronic device such that the USB connector structure is rotatably mounted to the personal electronic device, and having electrical connections to the USB port that provide USB communications between a USB device connected to the USB port and a personal electronic device attached to the hinge mechanism. A rigid second arm structure is attached between the USB port and the first arm structure such that the first arm structure is rotatably connected to the second arm structure.